



FIG. 4

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Fig. 6

## H-chain

2587/863 IGF-1  
TAC GTA GAT AAT CAA AGA TTA TTA TCT ACA TTT ACT GAA TAT ATT AAG TCT AGG CCT GGA  
Y V D N Q R L L S T F T E Y I K S R P G  
2647/883 2677/893  
CCG GAG ACG CTC TGC GGG GCT GAG CTG GTG GAT GCT CTT CAG TTC GTG TGT GGA GAC AGG  
P E T L C G A E L V D A L Q F V C G D R  
2707/903 2737/913  
GGC TTT TAT TTC AAC AAG CCC ACA GGG TAT GGC TCC AGC AGT CGG AGG GCG CCT CAG ACA  
G F Y F N K P T G Y G S S S R R A P Q T  
2767/923 2797/933  
GGT ATC GTG GAT GAG TGC TGC TTC CGG AGC TGT GAT CTA AGG AGG CTG GAG ATG TAT TGC  
G I V D E C C F R S C D L R R L E M Y C  
2827/943 2857/953  
GCA CCC CTC AAG CCT GCC AAG TCA GCT GAA GCT TAG SEQ ID NO: 186  
A P L K K P A K S A E A stop SEQ ID NO: 187

FIG. 7

2587/863 Cbx14  
TAC GTA GAT AAT CAA AGA TTA TTA TCT ACA TTT ACT GAA TAT ATT AAG TCT AGG CCT CAA  
Y V D N Q R L L S T F T E Y I K S R P Q  
2647/883 2677/893  
TCT AAA GTT AAA AGA CAA ATA TTT TCA GGC TAT CAA TCT GAT ATT GAT ACA CAT AAT AGA  
S K V K R Q I F S G Y Q S D I D T H N R  
2707/903  
ATT AAG GAT GAA TTA TGA SEQ ID NO: 188  
I K D E L stop SEQ ID NO: 189

FIG. 8

2587/863  
TAC GTA GAT AAT CAA AGA TTA TTA TCT ACA TTT ACT GAA TAT ATT AAG TCA GGC CTG AAT  
Y V D N Q R L L S T F T E Y I K S G L N  
2647/883  
TCC CCG GGT GCA GCT CAT TAT GCG CAA CAC GAT GAA GCC GTA GAC AAC AAA TTC AAC AAA  
S P G A A H Y A Q H D E A V D N K F N K  
2707/903  
GAA CAA CAA AAC GCG TTC TAT GAG ATC TTA CAT TTA CCT AAC TTA AAC GAA GAA CAA CGA  
E Q Q N A F Y E I L H L P N L N E E Q R  
2767/923  
AAC GCC TTC ATC CAA AGT TTA AAA GAT GAC CCA AGC CAA AGC GCT AAC CTT TTA GCA GAA  
N A F I Q S L K D D P S Q S A N L L A E  
2827/943  
GCT AAA AAG CTA AAT GAT GCT CAG GCG CCG AAA GTA GAC AAC AAA TTC AAC AAA GAA CAA  
A K K L N D A Q A P K V D N K F N K E Q  
2887/963  
CAA AAC GCG TTC TAT GAG ATC TTA CAT TTA CCT AAC TTA AAC GAA GAA CAA CGA AAC GCC  
Q N A F Y E I L H L P N L N E E Q R N A  
2947/983  
TTC ATC CAA AGT TTA AAA GAT GAC CCA AGC CAA AGC GCT AAC CTT TTA GCA GAA GCT AAA  
F I Q S L K D D P S Q S A N L L A E A K  
3007/1003  
AAG CTA AAT GAT GCT CAG GCG CCG AAA GTA GAC TAG  
K L N D A Q A P K K V D \*  
SEQ ID NO: 190  
SEQ ID NO: 191

FIG. 9